



# **Employment Opportunity**

## **FISH AND WILDLIFE BIOLOGIST 1**

**Salary: \$2530 - \$3208      Range: 40**

---

**Bulletin # 621      Opens: January 9, 2007      Closes: January 16, 2007      Page 1 of 2**

---

**Location:** There is one opening in the Fish Program, Science Division, Hatchery/Wild Interaction Unit.

**Duties:** Within the Fish Program, Science Division, this position is stationed at the Supplementation and Research Facility in Cle Elum, Washington. The position supervises and leads a crew of technicians setting up and conducting laboratory and field activities to investigate the effects of domestication selection on spring Chinook salmon in the upper Yakima River Basin. The primary duties of the position are to:

- Recruit, hire, train, and supervise permanent and seasonal temporary technicians
- Schedule and direct fry ponding, feeding, vessel cleaning, vessel set up/maintenance, calculate feed schedules, monitor growth and health of experimental fry in consultation with Yakama Nation hatchery staff and USFWS pathologists
- Schedule and direct net pen predation trials including set up, predator collection, and fry stocking/removal
- Schedule and direct dominance and agonistic interactions trials including aquarium set up and take down
- Ensure spawning channel and traps are maintained and ready for fall spawning, participating in stocking channel, observing interactions, and sampling fry at exit traps
- Oversee data entry onto microcomputer and editing for quality
- Maintain and update Access database with new data
- Perform data summarization and analyses using appropriate statistical tests as directed by supervisor

**Competencies:** **Knowledge of:**

Basic understanding of fish culture practices and the concerns of domestication selection.  
Basic salmonid behaviors and interactions with each other.  
Working knowledge of Statistica, Microsoft Excel, Access, and Word.  
Fundamentals of various statistical tests, when to use which one, and be able to interpret those results.  
Thorough understanding of project history and goals.  
Basic arithmetic and writing skills.

**Skills and abilities:**

Safely operate a motor vehicle under various weather conditions while towing and backing up a boat trailer.  
Good organization skills.  
Able to speak clearly and frankly with others, including people with higher authority.

**Work conditions** Must be able to carry 50 pounds for 100 meters or 70 pounds for 50 meters. Much work requires sitting still for as long as 4 hours at a time observing behavioral interactions. Must also have good understanding of project and facilities to make decisions when an emergency occurs (e.g. power loss causing water loss) or a situation arises and consultation with the supervisor is not possible. Must be willing to work long hours when needed (normally during September). Must be willing to work weekends frequently or schedule subordinates for weekend work (weekend work is required approximately 9-months out of the year). Must be willing to euthanize certain experimental fish when they are not part of the production population or more data is needed that cannot be collected live.

**Required Qualifications:** To be considered for this position, you must have a Bachelor's degree in Biology that includes a focus on fisheries sciences and completion of at least one course in statistics. You must also have demonstrated experience of 6 months or more that includes work in other fisheries jobs identifying and handling fish species at different life stages, making behavioral observations of salmonid interactions, and using a knowledge of fish culture practices. Also required is demonstrated experience using Microsoft Excel and Word.

- *Copies of college transcripts may be required upon a scheduled interview.*

**Special Note:** This position is covered by a collective bargaining agreement between the State of Washington, Department of Fish and Wildlife, and the Washington Public Employees Association (WPEA), which contains a "union security" provision. This means that, as a condition of employment you must either join the union and pay union dues, or pay the union a representational or other fee within 30 days of the date you are put into pay status.

**Preferred Qualifications:** Practical, hands-on experience setting up and repairing water delivery systems using pvc and galvanized pipe; Work experience as a supervisor or crew leader

**To apply:** If you are interested in this opportunity, please submit a state application and your answers to the experience and training exam to:

Web site for state application is:  
<http://www.dop.wa.gov/Resources/Forms/>.

**Joe Vidales ([vidaljv@dfw.wa.gov](mailto:vidaljv@dfw.wa.gov))**

Human Resources Office, Department of Fish and Wildlife  
600 Capitol Way North, Olympia, WA 98501  
Fax (360) 902-2392

The Department of Fish and Wildlife provides equal employment opportunities and is committed to a diverse workforce. Applicants needing assistance and or alternative formats of this announcement may call (360) 902-2276 (TDD: (360) 902-2207).

## **Examination Procedure**

**Examination Procedure:** The examination is an evaluation of your experience and training. The exam questions are listed below. **Follow the instructions and attach your responses to your state application.** Web site for state application is: <http://www.dop.wa.gov/Resources/Forms/>. A notice will be mailed to you with the results of your application.

**Instructions:** Write your responses on a separate sheet of paper in the format requested below. *Note that a resume will not be accepted as a substitute for providing this information.* Be sure that any employment or formal training you describe is also shown on your state job application. For each relevant position held, specify your title, employer, length of experience, and describe the work you performed.

**In addition to your completed application, attach separate sheets of paper with the following information.**

- 1. Tell us how you meet the required and preferred qualifications for this position. Be sure to specify your training and experience in the following areas:**
  - A. Bachelor's degree in biology with emphasis in fisheries science and a course in statistics
  - B. Experience in fisheries related activities (describe your experience in the required areas and specify positions held)
  - C. Experience using Microsoft Excel and Word
  - D. Experience as a supervisor or crew leader
  - E. Any practical, hands-on experience setting up and repairing water delivery systems using pvc and galvanized pipe.
- 2. Do you have any experience conducting abundance estimates with a backpack electrofisher? Describe.**
- 3. Do you have any experience working in a salmonid hatchery environment? Describe.**
- 4. Describe your experience with sampling techniques used in freshwater fisheries research. Be sure to specify any experience involving:**
  - Underwater salmonid observations (while snorkeling)
  - Behavioral salmonid observation in a laboratory setting
  - Native freshwater fish identification
  - Morphometric measurements of fish species